

ABSTRACT

A nanotube of which basic skeleton is made of a noble metal element is provided.

The skeleton of the nanotube is made of (1) a
5 single noble metal element of gold (Au), silver (Ag),
platinum (Pt), palladium (Pd), rhodium (Rh), or iridium
(Ir) as noble metal elements, of (2) a mixture in which
(Ru) is added to the above (1) in any proportion, or of
(3) a mixture in which a base metal element is added to
10 the above (1) or (2) in any proportion, and the noble
metal nanotube has a tubular form of about 5-7 nm in
outer diameter, about 2-4 nm in inner diameter, about 1-
2 nm in thickness, and 10 nm or more in length.